Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Sunday 03 Dec 2023 until 23:59 on Monday 04 Dec 2023

Forecast Issued on Saturday 02 Dec 2023 at 14:19

Confidence: High for overall cold conditions, lower for snow detail. Confidence decreasing through the start of next week.

Headline for Sunday 03 Dec 2023: Some snow at first, becoming dry but rather cloudy throughout the rest of the day.

Mountain weather hazards on Sunday 03 Dec 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
Medium Likelihood

Poor visibility
High Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Heavy snow	Light snow	Cloudy	Cloudy	Cloudy	Cloudy	Partly cloudy (night)	Partly cloudy (night)
Precipitation probability							
70%	40%	30%	10%	10%	10%	10%	10%

Forecast for Sunday 03 Dec 2023

Weather: Outbreaks of snow, heavy at first, will continue through the early hours, becoming dry by dawn but staying cloudy. Remaining cloudy through most of the day but breaking up to allow clear spells into the evening.

Chance of cloud-free hill tops above 600m: 10%, improving 60% during the evening.

Low cloud and visibility: Broken or overcast cloud base 500-700m, occasionally lowering to 300-400m during the morning, breaking to become scattered into the evening. Visibility poor in snow or hill fog, moderate or good at lower levels later.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Sunday 03 Dec 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	17/25 S	14/20 S	9/12 S	6/8 S	5/7 S	6/7 E	7/9 E	8/12 E	11/17 NE
300	12/18 S	10/18 S	6/10 S	4/7 SE	3/5 SE	4/6 E	5/8 E	5/11 NE	9/16 NE
Valley	7/17 S	6/14 SE	4/10 SE	3/6 E	3/5 SE	4/6 E	5/10 E	7/13 E	10/20 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-1/-8	-2/-7	-1/-5	-1/-4	-1/-3	-1/-4	-2/-5	-2/-6	-2/-8
300	0/-4	0/-4	1/-2	1/-1	1/-0	1/-1	0/-2	0/-3	0/-4
Valley	1/-2	0/-2	1/-1	1/-0	2/1	2/-0	0/-3	0/-3	0/-4
Freezing Level*	400m	300m	400m	400m	500m	400m	300m	300m	300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Feeling cold, especially at height, be prepared with appropriate layers and be aware of snow underfoot.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Sat 02 Dec 2023	0mm	0.4mm	0.4mm

Forecast for Monday 04 Dec 2023

Weather: Cloudy throughout the day on Monday with outbreaks of snow feeding in across the area from the south and east through the day, increasingly turning to rain from around midday. Rain turning heavier during the evening.

Maximum wind: East or northeasterly 10-15 mph gusting 25-30 mph, turning northerly later

Chance of cloud-free hill tops above 600m: 20%

Low cloud and visibility: Scattered or broken cloud base 500-700m throughout. Visibility poor in hill fog or snow, moderate in rain.

Temperature:
Valleys: Plus 1 to 3 Celsius
At 600m: Minus 2 to plus 1 Celsius
Freezing level: 200-400m, increasing 600-800m into the afternoon

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